## **CLAIMS ONLY**

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

|                                | ASI            | EII ED  | AF   | TER          | AFTER  |  |  |
|--------------------------------|----------------|---|--|--------------|--|--|--|
|                                | AS FILED       |   |  | NDMENT       | 2nd AMENDMENT                                    |  |  |
|                                | IND.           | DEP.  | IND.   | DEP.         | IND.   | DEP.   |  |
| 1                              | Ц              |   | ļ  |              |  |  |  |
| 2                              |                |   | <b> </b>   | ļ            |  |  |  |
| 3                              |                |   | <u> </u>   |              |  |  |  |
| 4                              |                |   |  |              |  |  |  |
| 5                              |                |   | <u> </u>   |              |  |  |  |
| 6                              |                | 1   | }  |              |  |  |  |
| 7                              |                |   |  |              |  |  |  |
| 8                              |                | 1   |  |              |  |  |  |
| 9                              |                | 1   | <b>†</b>   |              |  |  |  |
| 10                             |                |   | 1  |              |  |  |  |
| 11                             |                |   |  |              |  |  |  |
| 12                             |                | -   | <del> </del>                                     | <u> </u>     |  |  |  |
| 13                             |                | <del>                                     </del>  | <del>                                     </del> |              |  |  |  |
| 14                             | <del>-,</del>  | <del>                                     </del>  | <del> </del>                                     | <del> </del> |  | -  |  |
|                                |                |   | <del> </del>                                     |              |  |  |  |
| 15                             |                |   |  |              |  | <del> </del>                                     |  |
| 16                             |                | <del>                                     </del>  |  |              | <u> </u>   |  |  |
| 17                             |                | <del>                                     </del>  | <b> </b>   | ļ            |  |  |  |
| 18                             |                | <del>                                     </del>  | <del> </del>                                     |              | ļ  | ļ  |  |
| 19                             |                | μ   |  |              |  | ļ  |  |
| 20                             |                | <u> </u>  |  |              |  |  |  |
| 21                             |                |   |  |              |  |  |  |
| 22                             |                |   |  |              |  |  |  |
| 23                             |                | 1   | <u> </u>   |              |  |  |  |
| 24                             |                |   |  |              |  |  |  |
| 25                             |                |   |  |              |  |  |  |
| 26                             | 1              |   |  |              |  |  |  |
| 27                             |                |   |  |              |  |  |  |
| 28                             |                |   | 1  |              |  |  |  |
| 29                             |                | 1   |  |              |  |  |  |
| 30                             |                |   |  |              |  |  |  |
| 31                             |                | <del>                                     </del>  | <b>†</b>   |              |  |  |  |
| 32                             |                |   | <del>                                     </del> |              |  | ļ ——   |  |
| 33                             |                | <del>  \</del>                                    | $\vdash$   |              |  |  |  |
| 34                             |                | 1   | <del> </del>                                     | ļ            | <del>                                     </del> | ļ  |  |
| 35                             |                | <del>                                     </del>  | <del>                                     </del> |              | <b>-</b>   | <del> </del> -                                   |  |
| 36                             |                | <del>                                     </del>  | <del> </del>                                     |              | <del> </del>                                     |  |  |
| 37                             | ļ              | <del>                                     </del>  | <del> </del>                                     |              | $\vdash$   |  |  |
|                                | <u></u>        | <del>                                     </del>  | ļ  | ļ            | <del> </del>                                     |  |  |
| 38                             |                | <del>                                     </del>  | <del> </del>                                     |              | <u> </u>   | ļ <u>.</u>                                       |  |
| 39                             | <del></del>    | <del>  \                                   </del> | <u> </u>   | <u></u>      | <b>_</b>   | ļ  |  |
| 40                             | $\vdash \perp$ | <del> </del>                                      | <del> </del>                                     |              | <u> </u>   |  |  |
| 41                             |                | <u> </u>  | ļ  | ļ            |  |  |  |
| 42                             |                |   | <u> </u>   | ļ            | ļ  |  |  |
| 43                             |                | 1 1   | <u> </u>   |              |  |  |  |
| 44                             |                | 1   |  |              |  |  |  |
| 45                             |                | 1   |  |              |  |  |  |
| 46                             |                | 1   |  |              | }  |  |  |
| 47                             |                | 1   |  |              | 1  |  |  |
| 48                             |                |   |  |              | <u> </u>   |  |  |
| 49                             | <del></del>    | <del>                                     </del>  | <del> </del>                                     | <del></del>  | <b>—</b> —                                       | <del>                                     </del> |  |
| 50                             |                | <del> </del>                                      | <del>                                     </del> |              | <b></b>  | <del> </del>                                     |  |
|                                | <u> </u>       | <del>  _</del>                                    | <del>                                     </del> |              | <del> </del>                                     |  |  |
| TOTAL                          |                |   | 1  | 1            | 1  |  |  |
| TOTAL<br>IND.                  |                | ] _#  |  |              |  |  |  |
| TOTAL<br>IND.<br>TOTAL<br>DEP. |                | -   |  | <b>—</b>     | ļ  | -  |  |

| <u> </u>        | <b>*</b>   |  | ]*  |  | 1   |              |
|-----------------|--|--|---|--|---|--------------|
|                 |  |  | <u> </u>  |  | <u> </u>  |              |
|                 | IND.   | DEP.   | IND.  | DEP.   | IND.  | DEP.         |
| 51              |  | 1  | <b> </b>  | ļ  | ļ   |              |
| 52              |  | <b>↓</b>   | ļ   | ļ  | <u> </u>  |              |
| 53              | )  | <u> </u>   | ļ   | <u> </u>   | <b>├</b> ──                                       |              |
| 54              | <b></b>  | <u> </u>   | <del>                                      </del> | <b>!</b>   | <del> </del>                                      |              |
| 55              |  | <del>                                     </del> | <del> </del>                                      | <u> </u>   | <u> </u>  | <u> </u>     |
| 56              | ļ  | <del>                                     </del> | <del> </del>                                      | <del> </del>                                     | <del> </del>                                      |              |
| 57              |  |  | ļ   | ļ  | <del> </del>                                      | ļ <u> </u>   |
| 58_             |  |  | ╁   | <del>                                     </del> | <u> </u>  | <del> </del> |
| 59              | <del> </del> -                                   | <del>                                     </del> | <del> </del>                                      | <del> </del>                                     | <del> </del>                                      |              |
| 60              | <del></del>                                      | ┼  | ├   | ļ  | <del> </del>                                      |              |
| 62              | <del>                                     </del> |  | <del>                                     </del>  | <del> </del>                                     | <del>                                      </del> |              |
| 63              |  | <del>                                     </del> | <del> </del> -                                    | <del> </del>                                     | <del>                                     </del>  |              |
| 64              | <del> </del>                                     | <del>                                     </del> | <del> </del>                                      | <del> </del>                                     | ┼──   |              |
| 65              | 1  | ┼  | <del> </del>                                      | <del>                                     </del> | <del> </del> -                                    | <del> </del> |
| 66              | <del></del>                                      | 1  | <del> </del>                                      | <del></del>                                      | <del> </del>                                      | ļ            |
| 67              |  | 1  | <del>                                     </del>  | <del>                                     </del> | <del> </del> -                                    | <del> </del> |
| 68              |  | 1  | <del>                                     </del>  |  | †   | <del></del>  |
| 69              |  | <del>                                     </del> |   | <del> </del>                                     | <del>                                     </del>  |              |
| 70              | l  | 1-1-   | <b></b> -   | <del>                                     </del> | <b> </b>  |              |
| 71              |  |  | <del>                                     </del>  | <del> </del>                                     | †   |              |
| 72              |  | T:   | <del>                                     </del>  |  | <del>                                     </del>  |              |
| 73              |  | 1 !  |   |  |   |              |
| 74              |  | 1  |   | i  | <del>                                     </del>  | <u> </u>     |
| 75              |  | 1  |   |  | † <del></del>                                     |              |
| 76              |  | 1  |   |  | <u> </u>  |              |
| 77              | 1  | <u> </u>   |   | 1  |   |              |
| 78              |  | 1  |   |  | 1   |              |
| 79              |  |  |   |  |   |              |
| 80              |  |  |   |  |   |              |
| 81              |  |  |   |  |   |              |
| 82              | 1  |  |   |  | ł   |              |
| 83              | i_   |  |   |  |   |              |
| 84              | 1_   | <u> </u>   | <u></u>   | L  |   |              |
| 85              |  |  |   |  | <u> </u>  |              |
| 86              |  |  | <u> </u>  |  |   |              |
| 87              | ļ  |  | <u> </u>  | <u> </u>   | <u> </u>  |              |
| 88              |  |  | <u> </u>  |  | <u> </u>  |              |
| 89              |  |  | <b>_</b>  |  | ļ   |              |
| 90              |  | <u> </u>   |   |  | <u> </u>  |              |
| 91              | <b></b>  | <del> </del>                                     | ——  | <b>├</b>   | <b>.</b>  |              |
| 92              | ļ  | ļ  | <del> </del>                                      | <u> </u>   | <del> </del>                                      | <u> </u>     |
| 93              | <del> </del>                                     | <b>├</b> ──                                      | <b>├</b> ──                                       | <del> </del>                                     | <del> </del>                                      |              |
|                 |  | ├  |   | <u> </u>   | <del> </del>                                      | <u> </u>     |
| 95              |  | <del> </del>                                     | +   | <del> </del>                                     | ├   | <u> </u>     |
| 96              | <del> </del>                                     | <del> </del> -                                   | <del> </del>                                      | <del> </del>                                     | <b>├</b> ──                                       | <del> </del> |
| 98              | <del> </del>                                     | <del> </del>                                     | <del> </del>                                      | ┼  | <b>├</b> ──                                       | <u> </u>     |
| 99              | <del> </del>                                     | -  | <del> </del>                                      | <del> </del>                                     | <del> </del>                                      |              |
| 100             | <del> </del>                                     | -  | <del> </del>                                      | <del> </del>                                     | +   | <del> </del> |
| TOTAL           | 1-5  |  | +   | <del> </del>                                     | <del> </del> -                                    |              |
| IND.            | <u>L</u> ,                                       | J 🚚  |   | ]  | <u></u>   | <b>.</b>     |
| TOTAL<br>DEP.   | 174  |  |   |  | <u>L</u>  | _            |
| TOTAL<br>CLAIMS | 811  | 87.  |   |  |   |              |
|                 | 0 0  |  |   |  |   |              |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

|                 |  |  |          |  |              | SERIAL NO.   |          |                         |               | FILING DATE                                      |  |  |  |  |  |
|-----------------|--|--|----------|--|--------------|--------------|----------|-------------------------|---------------|--|--|--|--|--|--|
| CLAIMS ONLY     |  |  |          |  |              |              |          | APPLICA                 | UCANT(S)      |  |  |  | <u></u>  |  |  |
|                 |  |  |          |  |              |              | CLAIMS   |                         |               |  |  |  |  |  |  |
|                 | AS FILED 1                                       |  |          | AFTER 1st AMENDMENT                        |              | ER<br>NDMENT |          |                         | 7*            |  | *  |  | *  |  |  |
|                 | IND.   | DEP.   | IND.     | DEP.                                       | IND.         | DEP.         |          |                         | IND.          | DEP.   | IND.   | DEP.   | IND.   | DEP.   |  |
| 1               |  |  |          |  |              |              |          | 51                      |               |  |  |  |  |  |  |
| 2               |  |  |          |  |              |              |          | 52                      |               |  |  | ļ  | ļ  | <u> </u>   |  |
| 3               | ļ  |  |          |  |              |              |          | 53                      | $\perp \perp$ |  |  | <b>↓</b>   | <u> </u>   | <u> </u>   |  |
| 4               |  |  |          |  | <del> </del> |              |          | 54<br>55                |               |  |  | <b>├</b> ──                                      | <del> </del>                                     | -  |  |
| 5<br>6          |  |  |          |  |              |              | i        | 56                      |               |  | <b></b> -  | <del> </del> -                                   |  |  |  |
| 7               | <del> </del>                                     |  |          | l  |              |              |          | 57                      |               |  | <b></b>  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |  |
| 8               |  |  |          | 1  |              |              |          | 58                      |               |  |  |  |  |  |  |
| 9               |  |  |          |  |              |              |          | 59                      |               |  |  |  |  |  |  |
| 10              |  |  |          |  |              |              |          | 60                      |               |  |  |  |  |  |  |
| 11              |  |  |          | ·  |              |              | i l      | 61                      |               |  |  | <u> </u>   | L  |  |  |
| 12              |  |  |          | <u> </u>                                   | <u> </u>     |              |          | 62                      |               | -  |  | ļ  | <b>}</b>   |  |  |
| 13              | <del></del>                                      |  |          | 1  |              |              |          | 63                      |               | <del></del>                                      |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |
| 14<br>15        | <del>                                     </del> | -  |          |  | <del> </del> |              |          | 64<br>65                | ,             |  | <del> </del>                                     |  | <del> </del>                                     | <del> </del>                                     |  |
| 16              |  | -  |          |  | <del> </del> |              |          | 66                      | -             | T  | $\vdash$   | <del> </del>                                     |  | <del>                                     </del> |  |
| 17              |  |  |          |  | <b></b>      |              |          | 67                      |               | +-   |  |  | <b></b>  | <del>                                     </del> |  |
| 18              |  |  |          | <u> </u>                                   |              |              |          | 68                      |               | 7  |  | <u> </u>   | <del> </del>                                     |  |  |
| 19              |  |  |          |  |              |              | [        | 69                      |               |  |  |  |  |  |  |
| 20_             |  |  |          | f  |              |              |          | 70                      |               |  |  |  |  |  |  |
| 21              |  |  |          | 1  |              |              |          | 71                      |               | 1  |  | ļ  |  |  |  |
| 22              |  |  |          | <u> </u>                                   | <u> </u>     |              |          | 72                      |               | <del>    -</del>                                 |  |  |  | -  |  |
| 23              |  |  |          | <del> </del>                               |              |              |          | 73                      | <u> </u>      | <del>                                     </del> | <del> </del> -                                   | <del> </del>                                     | <b></b> -  | <del> </del>                                     |  |
| 24              |  | <del></del>                                      |          | ,  | <del></del>  |              | ( )      | 74                      |               |  | ļ  | <del> </del>                                     | ļ  |  |  |
| 25<br>26        | -  |  |          | 1  | <b>—</b> —   |              |          | 75<br>76                | <u> </u>      | <del>                                     </del> | <b> </b> -                                       | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |
| 27              |  |  |          | <u>:</u>                                   | <u> </u>     |              | 1        | 77                      | ,             |  | <del>                                     </del> | <b> </b>   | <del>                                     </del> | <del>                                     </del> |  |
| 28              | ·  |  |          | -  |              |              |          | 78                      | <del>-/</del> | T  |  |  | <del>                                     </del> |  |  |
| 29              |  |  |          |  |              |              |          | 79                      |               |  |  |  |  |  |  |
| 30              |  |  |          | :  |              |              | ا ا      | _ 80                    |               |  |  |  |  |  |  |
| 31              |  |  |          |  |              |              |          | 81                      |               |  |  |  |  |  |  |
| 32              | <u> </u>   |  |          | ļ  | ļ            |              | -        | 82                      |               |  | ļ  | <u> </u>   |  | <u> </u>   |  |
| 33              | <b> </b> -                                       | ├  | <b> </b> | 1:   | <u> </u>     |              |          | 83                      |               |  | <u> </u>   | <del> </del>                                     | <del> </del>                                     | ļ  |  |
| 34<br>35        | ļ  |  |          | <u> </u>                                   | <b></b>      |              | 1        | 84<br>85                | -'            | ,  | <del> </del>                                     |  | <del> </del>                                     | <u> </u>   |  |
| 36              |  | -  |          | <del> </del>                               | <del> </del> |              |          | 86                      | <del></del>   | <del>'</del>                                     | <del> </del>                                     | <del> </del>                                     |  | -  |  |
| 37              | ļ  | حيدا   |          | <del></del>                                | <del> </del> | <b> </b>     |          | 87                      |               |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |  |
| 38              |  | 1.   |          | <del> </del>                               | <b> </b>     |              |          | 88                      |               |  |  |  | <del>                                     </del> | -  |  |
| 39              | T  | 1  |          |  |              |              |          | 89                      |               |  | <b> </b>   | 1  |  |  |  |
| 40              |  |  |          |  |              |              |          | 90                      |               |  |  |  |  |  |  |
| 41              |  |  |          |  |              |              | ] l      | 91                      |               |  |  |  |  |  |  |
| 42              |  |  |          |  |              |              |          | 92                      |               |  |  |  |  |  |  |
| 43              |  |  |          | ļ  | ļ            |              |          | 93                      |               |  | ļ  | ļ  | <b> </b>   | L  |  |
| 44              |  | <del>    -  </del>                               |          | <u> </u>                                   | <u> </u>     | L            |          | 94                      | ļ             | L  | ļ  | <del> </del>                                     | <b> </b>   | <b></b>  |  |
| 45              |  |  |          | <b> </b>                                   |              |              |          | 95<br>96                |               |  | ļ  |  | <del> </del>                                     | <del>  -</del>                                   |  |
| 46<br>47        | <u> </u>   | <del>                                     </del> |          | <del> </del>                               | <b> </b> -   | ļ            |          | 96                      |               |  | <del></del>                                      |  | <del> </del>                                     | <del> </del> -                                   |  |
| 48              |  | -  |          | <del> </del>                               | <b></b> -    | <u> </u>     |          | 98                      |               |  | <del> </del> -                                   | -  |  |  |  |
| 49              | <u> </u>   | <del>    -  </del>                               |          | <del></del>                                | <del> </del> |              |          | 99                      |               |  | <del>                                     </del> | <del></del>                                      | <del>                                     </del> | · · ·  |  |
| 50              |  |  |          | <u> </u>                                   |              |              |          | 100                     |               |  |  |  |  |  |  |
| TOTAL<br>IND.   | <u> </u>   | 1  |          | 1  | T"           |              |          | TOTAL                   |               |  | l  |  | 1  |  |  |
| TOTAL           |  | -  |          | <b>—</b> *                                 | <del></del>  | <b>_</b> 1   | }        | TOTAL<br>DEP.           |               | 7  | <del></del>                                      | <b>—</b> 1                                       | <b> </b>   |  |  |
| DEP.            |  | gge griden                                       |          | কুনি বুলি ক্রিক্রিক<br>কুনি বুলি ক্রিক্রিক | <b> </b>     | \$ 70 S A    |          | DEP.<br>TOTAL<br>CLAIMS |               |  | <del></del> -                                    | Salara Salara                                    |  | Section 1  |  |
| TOTAL<br>CLAIMS | L  |  |          |  | L            |              | t l      | CLAIMS                  |               |  | L  |  | 1  |  |  |
|                 |  |  |          | *MAY B                                     | BE USED F    | FOR ADDI     | TIONAL C | LAIMS OF                | R ADMENI      | OMENTS   | U.S.DEF  | PARTMEN  | T OF CON   | MERC!  |  |